

For Research Use Only

# CoraLite® Plus 488-conjugated DMAP1 Monoclonal antibody

Catalog Number:CL488-67183



## Basic Information

<b>Catalog Number:</b> CL488-67183	<b>GenBank Accession Number:</b> BC002855	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55929	<b>CloneNo.:</b> 1A4E8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NPF5	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> DNA methyltransferase 1 associated protein 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG28906	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : HEK-293 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

DMAP1 (DNA methyltransferase 1-associated protein 1) a component of the NuA4 histone acetyltransferase complex, was originally identified as an interacting molecule with DNA methyltransferase 1 (DNMT1) which co-localizes with PCNA at DNA replication foci. DMAP1 is required for DNA repair and acts against genomic instability. DMAP1 is widely implicated in transcription repression and activation via its interaction with multiple targets including histone deacetylase2 (HDAC2).

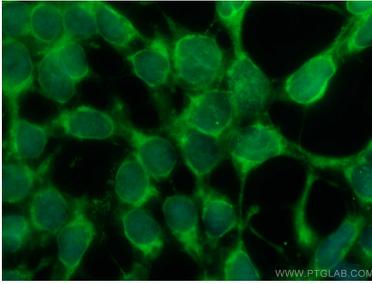
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

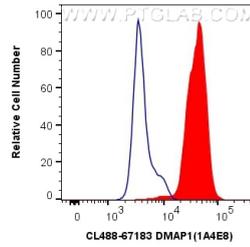
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 DMAP1 antibody (CL488-67183, Clone: 1A4E8) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human DMAP1 (CL488-67183, Clone:1A4E8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).